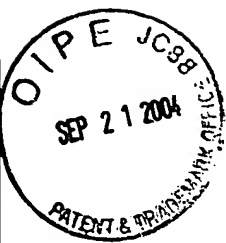


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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|            |   |                 |            |
|------------|---|-----------------|------------|
| Applicant: | Wayne O. Duescher                           | Examiner:       | Unknown    |
| Serial No. | 10/824,107                                  | Group Art Unit: | 3723       |
| Filed:     | April 14, 2004                              | Docket No.      | 638.014US1 |
| Title:     | ABRASIVE AGGLOMERATE RAISED ISLAND ARTICLES |                 |            |

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(b) or (c)**

**MAIL STOP DD**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicant(s) respectfully submit(s) the items of information on the enclosed Form 1449 for the attention of the Examiner in the above-identified application.

This statement should be considered because it is either filed before the mailing date of the first Office Action on the merits or it is submitted after the mailing date of the first Office Action on the merits but before the mailing date of a final Office Action under 37 C.F.R. §1.113 or a Notice of Allowance under 37 C.F.R. §1.311. No fee is due since this statement is submitted either before the mailing date of the first Office Action on the merits or is certified under 37 C.F.R. §1.97(e)(1) or (2) by the undersigned.

**Certification Under 37 C.F.R. §1.97(e)**

In accordance with 37 C.F.R. §1.97(c)(1), the undersigned hereby certifies that this statement is submitted wherein each item of information listed on the enclosed Form 1449 was cited in a communication from a foreign patent office in a counter part foreign application not more than three months prior to the filing of the information disclosure statement.

A copy of each document or other information listed on the enclosed Form 1449 is enclosed in accordance with 37 C.F.R. §1.98(a)(2) and/or a copy of each document is not provided because it was previously cited by or submitted to the U.S. Patent and

Trademark Office in a parent application in accordance with  
37 C.F.R. §.1.98(d).

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§102 and 103. In addition, Applicant(s) do(es) not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended, and reserve the right to establish otherwise under 37 C.F.R. §1.131 or others.


Consideration of the items listed is respectfully requested. According to M.P.E.P. §609, Applicant(s) request(s) that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Authorization is hereby given to charge any additional fees or credit any overpayments that may be deemed necessary to Deposit Account Number 50-1391.

Respectfully submitted,  
WAYNE DUESCHER  
By His Representatives,


MARK A. LITMAN & ASSOCIATES, P.A.  
York Business Center, Suite 205  
3209 West 76<sup>th</sup> Street  
Edina, Minnesota 55435  
(952) 832-9090

Date: 15 September 2004

By:   
Mark A. Litman  
Reg. No. 26,390

CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop DD, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on 15 September 2004.

Mark A. Litman  
Name

  
Signature

**INFORMATION DISCLOSURE STATEMENT**  
PTO Form 1449

|                                       |                                    |
|---------------------------------------|------------------------------------|
| <b>Docket Number</b><br>638.014US1    | <b>Serial Number</b><br>10/824,107 |
| <b>Applicant(s)</b><br>Wayne Duescher |                                    |
| <b>Filing Date</b><br>04/14/04        | <b>Group Art Unit</b><br>3723      |

**U.S. PATENT DOCUMENTS**

| EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE     | NAME               | CLASS | SUB-CLASS | FILING DATE (IF APPROPRIATE) |
|-------------------|-----|-----------------|----------|--------------------|-------|-----------|------------------------------|
|                   |     | 794,495         | 7/1905   | Gorton, et al.     | 451   | 529       |                              |
|                   |     | 1,657,784       | 01.31.28 | Bergstrom          | 51    | 295       |                              |
|                   |     | 2,216,728       | 10.08.40 | Benner, et al.     | 51    | 298       |                              |
|                   |     | 2,820,746       | 01.21.58 | Keeleric           | 205   | 114       |                              |
|                   |     | 2,838,890       | 06.17.58 | McIntyre           | 451   | 527       |                              |
|                   |     | 2,907,146       | 10.06.59 | Dyar               | 451   | 529       |                              |
|                   |     | 3,246,430       | 04.19.66 | Hurst              | 451   | 534       |                              |
|                   |     | 3,423,489       | 01.21.69 | Arens, et al.      | 264   | 4         |                              |
|                   |     | 3,933,679       | 01.20.76 | Weitzel, et al.    | 252   | 301.1     |                              |
|                   |     | 3,702,043       | 11.1972  | Welbourn et al.    | 451   | 213       |                              |
|                   |     | 3,709,706       | 01.09.73 | Sowman             | 501   | 103       |                              |
|                   |     | 3,711,025       | 01.16.73 | Miller             | 239   | 222.11    |                              |
|                   |     | 3,916,584       | 11.04.75 | Howard, et al.     | 51    | 308       |                              |
|                   |     | 4,018,576       | 04.19.77 | Lowder, et al.     | 51    | 309       |                              |
|                   |     | 4,038,046       | 07.26.77 | Supkis             | 51    | 295       |                              |
|                   |     | 4,112,631       | 09.12.78 | Howard, et al.     | 51    | 295       |                              |
|                   |     | 4,225,322       | 09.30.80 | Knemeyer           | 51    | 295       |                              |
|                   |     | 4,251,408       | 02.17.81 | Hesse, et al.      | 524   | 541       |                              |
|                   |     | 4,256,467       | 03.17.81 | Gorsuch            | 51    | 295       |                              |
|                   |     | 4,272,926       | 06.16.81 | Tamulevich         | 51    | 216       |                              |
|                   |     | 4,311,489       | 01.19.82 | Kressner           | 51    | 298       |                              |
|                   |     | 4,314,827       | 02.09.82 | Leitheiser, et al. | 51    | 298       |                              |
|                   |     | 4,327,156       | 04.27.82 | Dillon, et al.     | 428   | 568       |                              |
|                   |     | 4,341,439       | 07.27.82 | Hodge              | 350   | 96.22     |                              |
|                   |     | 4,364,746       | 12.21.82 | Bitzer, et al.     | 51    | 298       |                              |

**FOREIGN PATENT DOCUMENTS**

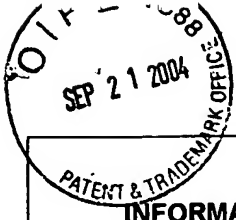
| EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE   | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |    |
|-------------------|-----|-----------------|--------|---------|-------|-----------|-------------|----|
|                   |     |                 |        |         |       |           | YES         | NO |
|                   |     | WO 95/00295     | 1/1995 | PCT     | B24D  | 13/14     |             | X  |
|                   |     |                 |        |         |       |           |             |    |
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|  |  | "Superabrasives and Microfinishing Systems" Product Guide. 3M, 1994, 60-4400-4692-2 (104.3) JR |
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Examiner:

Date Considered:

**INFORMATION DISCLOSURE STATEMENT**

PTO Form 1449

Docket Number

638.014US1

Serial Number

10/824,107

Applicant(s)

Wayne Duescher

Filing Date

04/14/04

Group Art Unit

3723

**U.S. PATENT DOCUMENTS**

| EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE     | NAME              | CLASS | SUB-CLASS | FILING DATE (IF APPROPRIATE) |
|-------------------|-----|-----------------|----------|-------------------|-------|-----------|------------------------------|
|                   |     | 4,373,672       | 02.15.83 | Morishita, et al. | 239   | 703       |                              |
|                   |     | 4,393,021       | 07.12.83 | Eisenberg, et al. | 264   | 143       |                              |
|                   |     | 4,421,562       | 12.20.83 | Sands             | 106   | 603       |                              |
|                   |     | 4,426,484       | 01.17.84 | Saeki, et al.     | 524   | 541       |                              |
|                   |     | 4,541,566       | 09.17.85 | Kijima, et al.    | 239   | 224       |                              |
|                   |     | 4,541,842       | 09.17.85 | Rostoker          | 51    | 296       |                              |
|                   |     | 4,586,292       | 05.06.86 | Carroll et al.    | 451   | 329       |                              |
|                   |     | 4,652,275       | 03.24.87 | Bloecher, et al.  | 51    | 298       |                              |
|                   |     | 4,710,406       | 12.01.87 | Fugier, et al.    | 427   | 389.8     |                              |
|                   |     | 4,773,599       | 09.27.88 | Lynch, et al.     | 241   | 69        |                              |
|                   |     | 4,776,862       | 10.11.88 | Wigand            | 51    | 293       |                              |
|                   |     | 4,863,573       | 09.05.89 | Moore, et al.     | 205   | 50        |                              |
|                   |     | 4,903,440       | 02.27.90 | Kirk, et al.      | 51    | 298       |                              |
|                   |     | 4,918,874       | 04.24.90 | Tiefenbach, Jr.   | 51    | 293       |                              |
|                   |     | 4,930,266       | 06.05.90 | Calhoun, et al.   | 51    | 293       |                              |
|                   |     | 4,931,414       | 06.05.90 | Woode, et al.     | 501   | 103       |                              |
|                   |     | 5,020,283       | 06.04.91 | Tuttle            | 451   | 550       |                              |
|                   |     | 5,107,626       | 04.28.92 | Mucci             | 451   | 28        |                              |
|                   |     | 5,108,463       | 04.28.92 | Buchanan          | 51    | 295       |                              |
|                   |     | 5,127,197       | 07.07.92 | Brukvoort, et al. | 51    | 204       |                              |
|                   |     | 5,137,542       | 08.11.92 | Buchanan, et al.  | 51    | 295       |                              |
|                   |     | 5,142,829       | 09.01.92 | Germain           | 451   | 537       |                              |
|                   |     | 5,152,917       | 10.06.92 | Pieper, et al.    | 51    | 295       |                              |
|                   |     | 5,175,133       | 12.29.92 | Smith, et al.     | 501   | 127       |                              |
|                   |     | 5,190,568       | 03.02.93 | Tselesin          | 51    | 293       |                              |

**FOREIGN PATENT DOCUMENTS**

| EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |    |
|-------------------|-----|-----------------|------|---------|-------|-----------|-------------|----|
|                   |     |                 |      |         |       |           | YES         | NO |
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Examiner:

Date Considered:



## INFORMATION DISCLOSURE STATEMENT

PTO Form 1449

Docket Number

638.014US1

Serial Number

10/824,107

Applicant(s)

Wayne Duescher

Filing Date

04/14/04

Group Art Unit

3723

## U.S. PATENT DOCUMENTS

| EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE     | NAME                 | CLASS | SUB-CLASS | FILING DATE (IF APPROPRIATE) |
|-------------------|-----|-----------------|----------|----------------------|-------|-----------|------------------------------|
|                   |     | 5,219,462       | 06.15.93 | Bruxvoort, et al.    | 51    | 293       |                              |
|                   |     | 5,221,291       | 06.22.93 | Imatani, et al.      | 51    | 293       |                              |
|                   |     | 5,232,470       | 08.03.93 | Wiand                | 51    | 295       |                              |
|                   |     | 5,251,802       | 10.12.93 | Bruxvoort, et al.    | 228   | 121       |                              |
|                   |     | 5,297,364       | 03.29.94 | Tuttle               | 451   | 527       |                              |
|                   |     | 5,304,225       | 04.19.94 | Gardziella, et al.   | 51    | 298       |                              |
|                   |     | 5,318,604       | 06.07.94 | Gorsuch, et al.      | 51    | 293       |                              |
|                   |     | 5,368,618       | 11.29.94 | Masmar, et al.       | 51    | 295       |                              |
|                   |     | 5,397,369       | 03.14.95 | Ohishi               | 51    | 295       |                              |
|                   |     | 5,437,754       | 08.01.95 | Calhoun              | 156   | 231       |                              |
|                   |     | 5,489,204       | 02.06.96 | Conwell, et al.      | 432   | 153       |                              |
|                   |     | 5,496,386       | 03.05.96 | Broberg, et al.      | 51    | 293       |                              |
|                   |     | 5,549,961       | 08.27.96 | Haas, et al.         | 428   | 143       |                              |
|                   |     | 5,549,962       | 08.27.96 | Holmes, et al.       | 428   | 144       |                              |
|                   |     | 5,551,961       | 09.03.96 | Engen, et al.        | 51    | 298       |                              |
|                   |     | 5,611,825       | 03.18.97 | Engen, et al.        | 51    | 295       |                              |
|                   |     | 5,674,122       | 10.07.97 | Krech                | 451   | 536       |                              |
|                   |     | 5,733,175       | 03.31.98 | Leach                | 451   | 41        |                              |
|                   |     | 5,820,450       | 10.13.98 | Calhoun              | 451   | 530       |                              |
|                   |     | 5,888,121       | 03.30.99 | Kirchner, et al.     | 451   | 41        |                              |
|                   |     | 5,888,548       | 03.30.99 | Wongsuragrai, et al. | 424   | 489       |                              |
|                   |     | 5,910,041       | 06.08.99 | Duescher             | 451   | 28        |                              |
|                   |     | 5,910,471       | 06.08.99 | Christianson, et al. | 51    | 295       |                              |
|                   |     | 5,924,917       | 07.20.99 | Benedict, et al.     | 451   | 526       |                              |
|                   |     | 5,967,882       | 10.19.99 | Duescher             | 451   | 57        |                              |

## FOREIGN PATENT DOCUMENTS

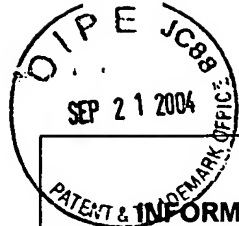
| EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |    |
|-------------------|-----|-----------------|------|---------|-------|-----------|-------------|----|
|                   |     |                 |      |         |       |           | YES         | NO |
|                   |     |                 |      |         |       |           |             |    |
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Examiner:

Date Considered:



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| <b>INFORMATION DISCLOSURE STATEMENT</b><br>PTO Form 1449 | <b>Docket Number</b><br>638.014US1    | <b>Serial Number</b><br>10/824,107 |
|  | <b>Applicant(s)</b><br>Wayne Duescher |                                    |
|  | <b>Filing Date</b><br>04/14/04        | <b>Group Art Unit</b><br>3723      |

**U.S. PATENT DOCUMENTS**

| EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE     | NAME                 | CLASS | SUB-CLASS | FILING DATE (IF APPROPRIATE) |
|-------------------|-----|-----------------|----------|----------------------|-------|-----------|------------------------------|
|                   |     | 5,975,988       | 11.02.99 | Christianson         | 451   | 28        |                              |
|                   |     | 5,993,298       | 11.30.99 | Duescher             | 451   | 56        |                              |
|                   |     | 6,017,265       | 01.25.00 | Cook, et al.         | 451   | 41        |                              |
|                   |     | 6,048,254       | 04.11.00 | Duescher             | 451   | 28        |                              |
|                   |     | 6,080,215       | 06.27.00 | Stubbs, et al.       | 51    | 295       |                              |
|                   |     | 6,099,390       | 08.08.00 | Nishio, et al.       | 451   | 36        |                              |
|                   |     | 6,102,777       | 08.15.00 | Duescher, et al.     | 451   | 36        |                              |
|                   |     | 6,120,352       | 09.19.00 | Duescher             | 451   | 41        |                              |
|                   |     | 6,149,506       | 11.21.00 | Duescher             | 451   | 59        |                              |
|                   |     | 6,168,508       | 01.02.01 | Nagahara, et al.     | 451   | 527       |                              |
|                   |     | 6,186,866       | 02.13.01 | Gagliardi            | 451   | 28        |                              |
|                   |     | 6,217,413       | 04.17.01 | Christianson         | 451   | 28        |                              |
|                   |     | 6,228,133       | 05.08.01 | Thurber, et al.      | 51    | 295       |                              |
|                   |     | 6,231,629       | 05.15.01 | Christianson, et al. | 51    | 295       |                              |
|                   |     | 6,277,160       | 08.21.01 | Stubbs, et al.       | 51    | 295       |                              |
|                   |     | 6,299,508       | 10.09.01 | Galiardi, et al.     | 451   | 28        |                              |
|                   |     | 6,319,108       | 11.20.01 | Adefris, et al.      | 451   | 533       |                              |
|                   |     | 6,371,842       | 04.16.02 | Romero               | 451   | 540       |                              |
|                   |     | 6,521,004       | 02.18.03 | Culler, et al.       | 51    | 298       |                              |
|                   |     | 6,537,140       | 03.25.03 | Miller, et al.       | 451   | 259       |                              |
|                   |     | 6,540,597       | 04.01.03 | Ohmori               | 451   | 443       |                              |
|                   |     | 6,620,214       | 09.16.03 | McArdle, et al.      | 51    | 298       |                              |
|                   |     | 6,645,624       | 11.11.03 | Adefris, et al.      | 428   | 402       |                              |
|                   |     |                 |          |                      |       |           |                              |
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**FOREIGN PATENT DOCUMENTS**

| EXAMINER INITIALS | REF | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |    |
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|                   |     |                 |      |         |       |           | YES         | NO |
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Examiner:

Date Considered:



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Wayne O. Duescher      Examiner: Unknown  
Serial No. 10/824,107      Group Art Unit: 3723  
Filed: April 14, 2004      Docket No. 638.014US1  
Title: ABRASIVE AGGLOMERATE RAISED ISLAND ARTICLES

**MAIL STOP DD**


Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**The following documents are being submitted:**

- ☒ Information Disclosure Statement (2 pages)
- ☒ Form 1449 - 4 pages
- ☒ Copies of 2 references
- ☒ Transmittal Sheet
- ☒ Return postcard

**Please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers if an additional extension of time is deemed necessary by the Office. Authorization is hereby given to charge Deposit Account Number 50-1391 if such additional extension is necessary.**

**MARK A. LITMAN & ASSOCIATES, P.A.**  
York Business Center, Suite 205, 3209 W. 76<sup>th</sup> St.  
Edina, MN 55435 (952-832-9090)

By:   
Atty: Mark A. Litman  
Reg. No. 26,390

CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Mail Stop DD, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on 15 September 2004.

Mark A. Litman  
Name

  
Signature